

U.S. Patent Application Serial No. 10/578,777

Response filed August 7, 2009

Reply to OA dated April 15, 2009

AMENDMENTS TO THE CLAIMS:

Please amend claim 1, as follows. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently amended): A PET bottle having a shrink label ~~for a PET bottle enclosed thereto,~~
the shrink label comprising a heat-shrinkable film and an adhesive coating film layer of a coating agent (A),
wherein ~~the shrink label has an~~ the adhesive coating film layer of a coating agent (A) on the side contacting
lies between the heat-shrinkable film and the PET bottle in such a manner that the adhesive coating film
layer is in contact with the PET bottle, and
the adhesive coating film layer having a dry film thickness of 0.1 to 10 μ m; and an adhesion such
that the peel strength as measured after keeping the coating film surface of the shrink label and a PET film
in pressure contact with each other at a pressure of 8.5 MPa in a 40°C atmosphere for 24 hours is within
the range of 5 mN/50 mm to 17 N/50 mm.

Claim 2 (Previously presented): The PET bottle according to claim 1, wherein the shrink label is
for a PET bottle having a plurality of alternately projecting and sunken portions in the circumferential
direction; and the shrink label having the adhesive coating film layer of the coating agent (A) on the side

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contacting the PET bottle, the adhesive coating film layer being provided on at least the portions contacting the projecting portions of the PET bottle.

Claim 3 (Previously presented): The PET bottle according to claim 1, wherein the heat-shrinkable film comprises a polyester resin, polystyrene resin, polyolefin resin, or polyvinyl chloride resin.

Claim 4 (Previously presented): The PET bottle according to claim 1, wherein the heat-shrinkable film has a thickness of 10 to 100 μm and a shrinkage stress of at least 2.0 N/cm in the main shrinkage direction.

Claim 5 (Previously presented): The PET bottle according to claim 1, wherein the coating agent (A) comprises an organic resin (a) having a number average molecular weight of 500 to 100,000 and a softening point of 30°C to 150°C.

Claim 6 (Previously presented): The PET bottle according to claim 3, wherein the organic resin (a) is at least one resin selected from the group consisting of epoxy resins, acrylic resins, ethylene vinyl acetate resins, polyester resins, urethane resins, and terpene resins.

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Claim 7 (Previously presented): The PET bottle according to claim 5, wherein the coating agent (A) further comprises a pigment (b).

Claim 8 (Previously presented): The PET bottle according to claim 7, wherein the pigment (b) is titanium oxide and/or aluminum powder.

Claim 9 (Previously presented): The PET bottle according to claim 1, wherein the coating film of the coating agent (A) is formed by gravure coating.

Claim 10 (Previously presented): The PET bottle according to claim 9, wherein, at the time of gravure coating, the coating agent (A) has a solids content of 20% to 80% by weight and a viscosity of 5 to 60 seconds/Zahn cup #3.

Claim 11 (Previously presented): The PET bottle according to claim 1, wherein the peel strength after keeping the coating film surface of the coating agent (A) and the PET film in pressure contact with each other at a pressure of 8.5 MPa in a 40°C atmosphere for 24 hours is within the range of 10 mN/50 mm to 4 N/50 mm.

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Claim 12 (Previously presented): The PET bottle according to claim 11, wherein the peel strength after keeping the coating film surface of the coating agent (A) and the PET film in pressure contact with each other at a pressure of 8.5 MPa in a 40°C atmosphere for 24 hours is within the range of 50 mN/50 mm to 1 N/50 mm.